



ACTION PLAN (2023-24) SCSP PROGRAM

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ACTION PLAN FOR SCSP 2023-24 OF KVK KORAPUT

Introduction:

Koraput district is an important agrarian district of the state where more than 80 % of the population depends on Agriculture. According to the 2011 census, out of the total population of the district, the schedule caste population is 1, 96,540 (14.25%).The male SC population is 96,789 and female SC population is 99,751. Boriguma, Jeypore, Nandapur, Boipariguda and Lamataput blocks of the district are dominated in SC population.

SCSP programme is a special scheme of ICAR for which separate fund is given to carry out activities meant for SC communities. This KVK is receiving funds under this scheme every year.

The objectives with which this program will be implemented at KVK, Koraput are

1. To demonstrate potential technologies which can enhance their income and livelihoods of SC people.
2. To improve the skill and competency of farmers and rural youths.
3. To aware the SC farmers regarding improved technologies for income generations.
4. To provide quality planting materials and other inputs.

Selection of villages and beneficiaries:

Villages with SC dominated population who are engaged in agriculture and allied activities for their livelihoods will be selected for implementation of various outlined activities. Only SC beneficiaries will be selected under each activity assessing their needs, technology gaps, available resources etc. To accomplish the objectives following activities will be carried out with special focus on SC communities of SC dominated villages. The programmes to be undertaken have been enumerated below

- a) Frontline Demonstration
- b) Training
- c) Other extension activities
- d) Critical Input distribution

ABSTRACT OF PROPOSED ACTIVITIES

Name of activity	No. of activity	Beneficiaries/ No.
FLD	8	220
Field Days	9	400
Training	14	470
Publications	09	4500
Extension Activities		
(i) Farmers fair- cum- F-S interaction	02	200
(ii) Method Demonstration	06	275
(iii) Soil Health Camp	04	400
(iv) Women In agriculture Day	01	50
(v) Agriculture Education Day	01	50
(vi) Animal Health Camp	07	350
(vii) Exposure Visit	02	100
(viii) Technological week celebration	06	300
(ix) Parthenium Awareness week	01	50
(x) SHG Convention meet	03	200
(xi) Ex-trainees meet	03	150
(xii) Swachhata activity programme	04	170
(xiii) International women day	01	50
(xiv) Group meeting	12	240
QPM & Other critical input distribution	-	216000
Distribution of Fingerlings	-	100000
Promotion of Custom hiring centre	-	02

(A) FRONTLINE DEMONSTRATION

FLD-1

Title of the FLD	:	Demonstration of triple disease resistant tomato var. Arka Rakshak
Thrust Area	:	Varietal Evaluation
Season	:	<i>Late Kharif, 2023-24</i>
Farming Situation:	:	Irrigated medium land
No. of demonstrations (Area)	:	20 (1 ha)
Farmers Practice	:	Growing of ToLCV, Wilting and blight susceptible varieties resulting in low yield (Laxmi)
Details of the technology	:	High yielding F1 hybrid with triple disease resistance to ToLCV, BW and early blight. Fruits square round, large (90-100g), deep red coloured and firm. Suitable

		for fresh market and processing. Avg. yield: 75-80 t/ha, maturity duration in 140 days.
Observation parameters	:	PDI (%), Yield of Fruit/plant (kg), Yield & Economics
Scientists involved:		Dr. B. Sahoo & Smt. K. Sethi

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-2

Title of the FLD	:	Demonstration of late Kharif Onion var. Bhima Super
Thrust Area	:	Varietal Evaluation
Season	:	Late Kharif, 2023
Farming Situation:	:	Irrigated upland
No. of demonstrations	:	50 nos
Farmers Practice	:	Growing of var. N-53
Details of the technology	:	Single centered Bulb, Days to maturity : 100-105 days Yield potential : 20-22 t/ha, Storability : Poor (1 to 1.5 months)
Observation parameters	:	Bulb Wt. (g), Yield (q/ha) and Economics
Scientists involved:	:	Dr. B. Sahoo & Smt. K. Sethi

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-3

Title of the FLD	:	Demonstration on INM in Sweet corn
Thrust Area	:	INM
Season	:	<i>Rabi</i> , 2023
Farming Situation:	:	Irrigated medium land
No. of demonstrations (Area)	:	20(2ha)
Farmers Practice	:	Application of fertilizer @(80:40:40)N,P ₂ O ₅ , K ₂ O kg/ha
Details of the technology	:	Soil test based fertilizer application (25% organic and 75% inorganic fertilizer application)

Observation parameters	:	No of Cobs/plant, No of grains/cobs, No of rows/cob yield & economics
Scientists involved:		Smt. Sunita Dandasena, Scientist (Agronomy)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-4

Title of the FLD	:	DEMONSTRATION ON RICE VARIETY KALINGA DHAN-1203 (ORJ-1135)
Thrust Area	:	Crop Production
Season	:	<i>Rabi</i> , 2023
Farming Situation:	:	Irrigated lowland
No.of demonstrations	:	20 (02 ha)
Farmers Practice	:	Rice variety MTU-1001
Details of the technology	:	Rice variety-Kalinga Dhan-1203 (ORJ-1135) Avg. grain yield-54.2 kg, Duration-135 days, Plant height-111 cm, Moderately resistant to sheath rot, BPH, stem borer & leaf folder)
Observation parameters	:	Plant height (cm), No. of tillers/hill, No. of grains/panicle, Panicle length (cm),
Scientists involved:	:	Smt. Sunita Dandasena, Scientist (Agronomy)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-5

Title of the FLD	:	DEMONSTRATION ON RICE VARIETY KALINGA DHAN-1205 (ORJ-7(IET 22579)
Thrust Area	:	Crop Production
Season	:	<i>Rabi</i> , 2023
Farming Situation:	:	Irrigated lowland
No.of demonstrations	:	20 (5 ha)
Farmers Practice	:	Rice variety MTU-1001
Details of the technology	:	Rice variety-Kalinga Dhan-1205 (ORJ-7(IET 22579) Avg. average grain yield-5177 kg, Duration-

		132 days, Plant height-112 cm, The variety is having semi dwarf plant stature, medium slender grain type and excellent cooking quality.
Observation parameters	:	Plant height (cm), No. of tillers/hill, No. of grains/panicle, Panicle length (cm),
Scientists involved:	:	Smt. Sunita Dandasena, Scientist (Agronomy)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-6

Title of the FLD	:	Demonstration of improved poultry breed Kadaknath/ Rhode Island Red/ Kuroiler/Rainbow rooster in backyard for higher income generation
Thrust Area	:	Income generation activity
Season	:	Rabi, 2023-24
Farming Situation:	:	Backyard
No. of demonstrations	:	50 (2000 nos.)
Farmers Practice	:	Desi or nondescriptive birds from local seller
Details of the technology	:	30-35 days old brooded chicks along with scheduled vaccination in the backyard rearing system.
Observation parameters	:	Avg. body weight at 45 and 90 days and egg laying capacity, market demand
Scientists involved:		Dr. B. Sahoo & Smt. K. Sethi

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-7

Title of the FLD	:	Demonstration of oyster mushroom
Thrust Area		Income generating activity
Season & year	:	Rabi 2023-24
Farming Situation:	:	Home stead
No. of demonstrations	:	20 units
Farmers Practice	:	Growing of P. florida strain of oyster mushroom
Details of the technology	:	Supply of quality spawn (Blue oyster), appropriate substrate, processing, pasteurization and bag

		management.
Observation parameters	:	Yield (Kg/bed) Profitability
Scientists involved:		Sj. Binod Chandra Behera, Scientist (Ag. Extension)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

FLD-8

Title of the FLD	:	Demonstration of Vermicomposting by using low cost poly vermin bed.
Thrust Area		Soil health management
Season & year	:	Rabi 2023-24
Farming Situation:	:	Homestead/upland
No. of demonstrations	:	20 units
Farmers Practice	:	FYM production
Details of the technology	:	Vermicomposting with available wastes by using polythene bag (poly vermin bed) with release of earthworm (Eisenia foetida)
Observation parameters	:	Vermicompost yield economics (kg/bag)
Scientists involved:		Sj. Binod Chandra Behera, Scientist (Ag. Extension)

Extension Activities for FLD	No. of activities	No of participants
Field Day	1	50

(B) TRAINING

Sl. No.	Title of Training	Duration	On/off-campus	Type of Participants	No. of participants
1.	Production technology of late kharif onion var. Bhima super	1	On	F/FW	30

2.	Cucurbitaceous vegetable seedling raising in polybags	2	On	F/FW	15
3.	Quality planting material production of vegetables crops	3	On	F/FW	15
4.	Rhizome rot management in Ginger	1	Off	F/FW	30
5.	Package of practices of Turmeric & its processing	2	On	F/FW	30
6.	Improved method of oyster mushroom cultivation	3	Off	F/FW	30
7.	Role of Vermicomposting in Agriculture	1	Off	F/FW	30
8.	Use of vermi compost and organic manure for sustainable yield	1	Off	F/FW	30
9.	Entrepreneurship development of farmer & Farmwomen by cultivation of high yielding mushroom	1	Off	F/FW	30
10.	Different income generating activities for farmer, farmwomen & landless wrt to agriculture & allied sector.	1	Off	F/FW	30
11	Seed production techniques in Ragi	1	Off	F/FW	50
12	Vermicompost production and its significance in yield enhancement	1	Off	F/FW	50
13	Integrated Nutrient management in Sweet corn	1	Off	F/FW	50

14	Good agriculture practices in medium land paddy	2	Off	F/FW	50
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C) Other Extension Activities

Sl No.	Title	Participants/ Number
1.	Animal Health Camp	7 No.
2.	Women In agriculture Day	1 No
3.	Agriculture Education Day	1 No
4.	Soil Health Camp	4 No.
5.	Filed Day	No
6.	Farmers fair- cum-F-S interaction	2 nos (200 farmers)
7.	Exposure Visit	2 nos (100 farmers)
8.	Parthenium week celebration	1 No.
8.	Technological Week Celebration (i) Vermicompost production (ii) Mushroom cultivation (iii) Package of practices of Ginger (iv) Package of practices of turmeric (v) Development of nutri garden for nutritional security (vi) Package of practices of Tuber crops	30 30 30 30 30 30 30
9.	Popularisation of reduction implements for farmwomen 1. Hand Weeder-40 nos. 2. Trench hoe-40nos. 3. Bhindi plucker-40 nos. 4. Fruit Plucker-40nos. 5. Maize Sheller-40nos.	520 nos

	6. Garden rake-40nos. 7. Digger-40nos. 8. Improved Sickle-40nos. 9. Spncyer-40nos. 10. Khurpi-40nos. 11. Garden rake-40nos. 12. Rose Cane-40nos. 13. Trowel-40nos.	
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D) METHOD DEMONSTRATIONS

Sl. No.	Title of method demonstrations	No. of activity	No. of participants
1	Vermicompost production technology	2	50
2	Seed treatment in pulses through microbial culture	2	50
3	Mushroom bed preparation	2	50
4	Nursery bed preparation	1	25
5	Azolla cultivation	2	50
6	Seed treatment of Rhizome treatment technique in ginger for controlling rhizome rot	1	50

E) Promotion of Custom hiring centre

Name of the Items	Quantity
Sprayer	10
Groundnut Decorticator cum Cleaner power operated	2
finger weeder	10
Power weeder	02
Pump set	02

F) QUALITY PLANTING MATERIALS

Name of the Items	Quantity
Tomato	50000
Onion	100000

Cauliflower	60000
Papaya	1000
Drumstick	1000
Black Pepper	1000
Cardamom	500
Bamboo	1000
Mushroom Spawn	2000
Mango Graft	500
Cinnamom	500
Coffee	500
Yam/ Elephant foot yam/ Taro	300 kg

G) PUBLICATIONS

Sl.No.	Title of publication	Type	No.of copies
1	Dhingiri Chatu Chasa	Booklet	500
2	Kandamula chasa	Leaflet	500
3	Azolla chasa	Leaflet	500
4	Jiakahata Prastutee Pranali	Booklet	500
5	Bataka palana	Leaflet	500
6	Millet cultivation	Booklet	500
7	Gajar Ghasa ra Niyatatrana	Leaflet	500
8	Rearing of backyard poultry	Booklet	500
9	Safe use of pesticides	Leaflet	500

S/d-
Senior Scientist & Head
KVK, Koraput